

1. (Amended) A vibrating motor comprising:
a field magnet having ~~6~~a plurality of magnetic poles such
that S and N magnetic poles are alternately magnetized in a
~~circumferenee~~circumferential direction;
a rotating shaft;
an armature core having three salient poles ~~consisting~~
~~of~~comprising a central salient pole and a pair of auxiliary
salient poles which are spaced apart from said central salient
pole on either side, said three salient poles being shifted
and arranged around said rotating shaft with non-
centrosymmetry a coil being wound on each of said three
salient poles;
wherein;
a facing gap between said central salient pole and said
field magnet is formed narrower than facing gaps between said
auxiliary salient poles and said field magnet;
an exciting force of said central salient pole is greater
than that of said auxiliary salient poles; and
in starting, the same magnetic pole as the magnetic pole
of said field magnet generates in a facing surface of said
central salient pole and a repulsive force occurs so that said
armature core is urged to rotate.

2. (Amended) ~~A~~The vibration motor according to
~~claim~~Claim 1, wherein said facing surface of said central
salient pole which is facing ~~toward~~ toward said field magnet is
formed approximately arc-shaped; and

each facing gap length on either side in a
circumferential direction of said central salient pole is
different.

3. (Amended) ~~A~~The vibration motor according to claim Claim 1, wherein width of a central rib of said central salient pole is formed greater than ~~that width of ribs of said~~ auxiliary salient poles, said coil of said central salient pole being wound on said central rib.

4. (Amended) ~~A~~The vibration motor according to claim Claim 1, wherein a number of turns of said coil which is wound on said central salient pole is ~~bigger~~greater than ~~that~~the number of turns of each said coil which is wound on eachrespective ones of said auxiliary salient poles to ~~make~~increase an exciting force be large.

5. (Amended) ~~A~~The vibration motor according to claim Claim 1, wherein a locus circle which is ~~made~~defined by facing surfaces between said field magnet and said three salient poles is formed in an approximately oval; and

a center of said field magnet and a center of said locus circle approximately correspond with said rotating shaft.

6. (Amended) ~~A~~The vibration motor according to claim Claim 1, wherein a locus circle which is ~~made~~defined by facing surfaces between said field magnet and said three salient poles is formed having a radius smaller than an inside diameter~~radius~~ of said field magnet,

a center of said field magnet almost ~~correspond~~corresponds with said rotating shaft; and

a center of ~~said~~the locus circle shifts toward said central salient pole from said rotating shaft.